

**Amendments to the Specification:**

Please replace paragraph 30 with the following amended paragraph:

[0030] An inlet manifold 30 in side ~~wall 18~~ wall 18 admits one or more gases into chamber 12. An outlet port 32 in side wall 18 opposite the inlet manifold is used to exhaust gases from chamber 12. A plurality of high intensity lamps 34 mounted around chamber 12 direct their light through the upper and lower domes onto susceptor 20 to heat susceptor 20 and wafer 99 thereon. Lower and upper pyrometers 36 and 40 are used to monitor the temperature of chamber 12. The pressure in chamber 12 is monitored by one or more pressure sensors 42 and regulated by, for example, controlling a vacuum source and a pressure control valve.